

FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

ATTY. DOCKET NO.

500.43057X00

SERIAL NO.

10/649,687

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

H. MATSUSHIGE, et al

FILING DATE

August 28, 2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	2	0	0	0	2	4	4	0	01/02	Sakai			
GJP	0												
GJP	2												
GJP		5	9	7	4	0	5	8	10/99	Burns et al	370	538	
GJP		5	8	9	8	8	2	8	04/99	Pignolet et al	714	6	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
GJP		1	3	5	3	2	6	4	10/03	European				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER GARY J. PORTKA

DATE CONSIDERED

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(Form PTO-1449 (6-4))

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	5 1 5 5 6 3 8	10/92	Aikawa et al	360	69	
↑	5 4 3 0 8 5 5	7/95	Walsh et al	710	10	
	6 5 3 0 0 0 7	3/03	Olariq et al	711	167	
	2 0 0 0 4 8 9 2	1/02	Gans et al			
↓	2 0 0 5 3 0 1 0	5/02	Piccirillo et al			
GJP	2 0 1 4 0 2 0 7	7/03	Nagase et al			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

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GJP	4 9 4 9 0 5 1	8/90	Viola	331	11	
↑	6 0 6 9 9 2 7	5/00	Kikuchi	375	357	
	5 8 9 8 8 2 8	4/99	Pignolet et al	714	6	
	5 4 3 0 8 5 5	7/95	Walsh et al	710	10	
	5 5 1 2 8 6 0	4/96	Huscroft et al	331	1A	
	5 8 9 8 8 2 8	4/99	Pignolet et al	714	6	
	6 2 6 6 3 8 3	7/01	Kikuchi	375	358	
↓	6 3 9 2 4 9 5	5/02	Larsson	331	11	
GJP	6 5 3 0 0 0 7	3/03	Olari et al	711	167	

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						YES NO
GJP	0 3 0 3 4 6 4 7	4/03	PCT			XX
GJP	1 1 0 4 1 1 3	9/02	European			
GJP	0 8 6 6 5 5 9	9/98	European			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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